

SALFORD QUARRY
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Letter to U.S. EPA from Mr. R.F. Jeager, American Olean Tile, re: Indication of substances labeled "Toxic", 8/11/80. P. 100001-100011. Four well water analysis tables, a drill sample table, and a sludge record of analysis are attached.
2. Letter to U.S. EPA from Mr. Walter L. Orloski, American Olean Tile, re: Hazardous waste activity permit applications, 11/7/80. P. 100012-100016. Two U.S. EPA Notification of Hazardous Waste Activity forms are attached.
3. Letter to U.S. EPA from Mr. Donald H. Brenner, American Olean Tile, re: Not using of Salford Quarry as a hazardous waste disposal, 11/18/80. P. 100017-100024. A General Information form, a Hazardous Waste Permit Application, and two maps are attached.
4. Field Trip Summary Report form, Salford Quarry, 1981. P. 100025-100030. A Potential Hazardous Waste Site Identification, and Preliminary Assessment form is attached.
5. U.S. EPA Potential Hazardous Waste Site Identification, American Olean Quarry Site, Lower Salford Township, 2/25/81. P. 100031-100031.
6. Memorandum to file from Ms. Christine Hladchuk, U.S. EPA, re: American Olean Tile Quarry contacts, 3/12/81. P. 100032-100032.
7. Letter to Mr. Ken Chi, American Olean Tile Company, from Mr. Thomas Sheehan, PADER, re: Formal Notice of an information transferral, 3/13/81. P. 100033-100033.
8. Letter to Ms. Linda Young, U.S. EPA, from Mr. Sam Pelna, re: Photographs of the site, 4/20/81,

* Administrative Record File available 7/19/89, updated 11/14/91, 2/24/92, 9/29/92, and 3/10/93.

** The names of residents of the Salford area have been redacted to protect their privacy.

- P. 100034-100036. Two copies of the photographs are attached.
9. PADER Water or Waste Quality Report, Salford Quarry, 6/8/81. P. 100037-100038E.
 10. Memorandum to Ms. Christine Hladchuk, from Mr. Richard G. Park, re: Photographs of the site, 7/8/81. P. 100039-100039.
 11. Interoffice correspondence from Mr. Tom Isban, re: Salford Bi-Products Tank information, 10/7/81. P. 100040-100041A. Analysis of the Flat Ceramic Tile Body table is attached.
 12. Letter to Mr. Kim Hollaender, American Olean Tile Company, from Mr. Thomas Sheehan, PADER, re: Preliminary Closure Plans, 3/18/82. P. 100042-100043.
 13. Letter to Lower Salford Township, from Mr. Thomas Sheehan, PADER, re: Complaints concerning buried steel tanks, 3/22/82. P. 100044-100045.
 14. PADER Inspection Report, with comments, Salford Quarry, 5/7/82. P. 100046-100049.
 15. Site History Information from Mr. Thomas Sheehan, 9/20/82. P. 100050-100054. Two Water or Waste Quality Reports are attached.
 16. Letter to Mr. Kim Hollaender, American Olean Tile Company, from Mr. Thomas Sheehan, PADER, re: Sampling of monitoring wells, 9/20/82. P. 100055-100055.
 17. Letter to Ms. Linda Y. Boornazian, U.S. EPA, from Mr. Don Senovich, NUS Corporation, re: Site inspection and sampling, 4/20/83. P. 100056-100057.
 18. Letter to Ms. Linda Boornazian, U.S. EPA, from Mr. C. Ken Chi, American Olean Tile Company, re: Information concerning the Salford Quarry, 10/2/85. P. 100058-100059.
 19. Report: Site Inspection of Salford Quarry, prepared by NUS Corporation, 1/3/86. P. 100060-100209.
 20. Letter to Mr. Russel H. Wyer, U.S. EPA, from Mr. John W. Rex, J.W. Rex Company, re: Proposed inclusion of North Penn Area Sites on the NPL, 3/18/87. P. 100210-

100214. Two memorandums are attached.

21. NPL Site Certification, Salford Quarry, 3/30/90.
P. 100215-100215.
22. NPL Site Certification, Salford Quarry, 1/24/91.
P. 100216-100216.
23. PADER Ground Water Module Phase I information,
(undated). P. 100217-100234. Three maps and a Solid
Waste Disposal and/or Processing form are attached.

II. REMEDIAL ENFORCEMENT PLANNING

1. Letter to Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, from Mr. Gregg Crystall, U.S. EPA, re: Hazard Ranking System docket, 2/13/87. P. 200001-200001.
2. Letter to Ms. Laura Boornazian, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Response to EPA notice letter to conduct an RI/FS, 5/22/87. P. 200001-200003.
3. Letter to Ms. Ellen C. Teplitzky, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Correction of previous errors, 11/4/87. P. 200004-200005.
4. Letter to Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, from Ms. Ellen C. Teplitzky, U.S. EPA, re: 30 day extension for the proposed Consent Order, 12/30/87. P. 200006-200006.
5. Letter to Ms. Ellen Teplitzky, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: RI/FS Consent Agreement. 1/25/88. P. 200007-200007.
6. U.S. EPA Consent Agreement In the Matter Of: Salford Quarry, Docket No. III-88-20-DC, 3/22/88. P. 200008-200024.
7. Letter to Mr. Wilber Martinez, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Notification of an anticipated change in ownership of the Salford Quarry, 8/30/88. P. 200025-200031. A letter and a memorandum are attached.
8. Letter to Ms. Allyn L. Stearn, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: RI/FS Consent Agreement, 9/16/88. P. 200032-200032.
10. Letter to Mr. William A. Stone, Jr., Environ Corporation, from Ms. Gerallyn Valls, U.S. EPA, re: Comments on the RI/FS work plan, 2/9/89. P. 200033-200041.

11. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. William A. Stone, Jr. and Mr. Robert W. North, Environ Corporation, re: Presentation proposal for interim sampling, 3/8/89. P. 200042-200058. A sampling table, an abbreviation and rationale key, and QA/QC information are attached.
12. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. William A. Stone Jr. and Ms. Nancy L. Cickowicz, Environ Corporation, re: Revisions to the proposed interim sampling, 3/27/89. P. 200059-200063. A schedule, a sampling table, and footnote information are attached.
13. Letter to Mr. William A. Stone, Environ Corporation, from Ms. Gerallyn Valls, U.S. EPA, re: Draft Field Trip Report, 5/22/89. P. 200064-200065.
14. Letter to Mr. William A. Stone, Environ Corporation, from Mr. Cesar Lee, U.S. EPA, re: Waste quality lechate information, 7/3/90. P. 200066-200067. Comments and questions and a memorandum are attached.
15. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr. and Mr. Robert W. North, Environ Corporation, re: Chemical data, 8/24/90. P. 200071-200072.
16. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Woodrow R. Cole, PADER, re: Request for temporary discharge approval for groundwater, 8/31/90. P. 200073-200074. A memorandum is attached.
17. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly RI progress report, 9/7/90. P. 200075-200080. The progress report is attached.
18. Letter to Mr. Lewis Luchie, Jr. (sic), PADER, from Mr. William A. Stone, Jr. and Mr. Robert W. North, Environ Corporation, re: A temporary discharge approval for ground water, 9/7/90. P. 200081-200083.
19. Letter to Mr. Louis Lucci, PADER, from Mr. Robert W. North, Environ Corporation, re: Request for a temporary ground water discharge approval, 9/13/90. P. 200084-200089. A memorandum, a well sample table,

and two site maps are attached.

20. Letter to Mr. Lawrence Kirsch (sic), Cadwalader, Wickersham, & Taft, and Mr. William A. Stone, Environ Corporation, from Mr. Cesar Lee, U.S. EPA, re: Review of proposed RI/FS schedule, 9/20/90. P. 200090-200103. The following are attached:
 - a) four certified mail receipts;
 - b) a schedule chart;
 - c) a letter regarding resubmission of data;
 - d) a letter regarding chemical data;
 - e) a memorandum regarding sludge and flat body analysis;
 - f) a Record of Analysis for Flat Body, Unfired and Fired.
21. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Responses to the RI/FS, 10/2/90. P. 200104-200107.
22. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Difficulties in conducting studies for the RI/FS, 10/8/90. P. 200108-200113.
23. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr, Environ Corporation, re: Monthly RI progress report, 10/22/90. P. 200114-200118. The progress report is attached.
24. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Environ Corporation, re: Monthly RI progress report, 11/16/90. P. 200119-200121. The progress report is attached.
25. Letter to Mr. Lawrence Kirsch (sic), Cadwalader, Wickersham, & Taft, from Mr. Cesar Lee, U.S. EPA, re: Access to property for monitoring wells, 11/26/90. P. 200122-200123.

26. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Difficulties in gaining access to property, 12/3/90. P. 200124-200125.
27. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Bruce R. Pluta, CDM Federal Programs Corporation, re: Monitoring well location options, 12/10/90. P. 200126-200128.
28. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly RI progress report, 12/18/90. P. 200124-200130. An RI/FS progress report is attached.
29. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr. and Mr. Robert W. North, Environ Corporation, re: Access to monitoring wells, 12/20/90. P. 200131-200133.
30. Memorandum to Mr. Roy Smith, Ms. Diane Wehner, and Mr. Jay Newbaker, U.S. EPA, from Mr. Cesar Lee, U.S. EPA, re: Hazardous Materials List, 4/17/91. P. 200134-200136. Information on dangerous properties of industrial materials and an excerpt from a Hazardous Materials List are attached.
31. Information, Salford Quarry Site, (undated). P. 200137-200137.
32. Letter to Ms. Rona Pietrzak from Mr. Philip E. Karmel, U.S. Department of Justice, re: The names, addresses, and telephone numbers of EPA personnel responsible for the site, 1/14/93. P. 200138-200138.
33. Notice of Filing of Fully Executed Second Settlement Agreement Between the United States and the Debtors, In Re: National Gypsum Company and Aancor Holdings, Inc., Debtors, Jointly Administered Chapter 11, BK-390-37213-SAF-11 and BK-390-37214-SAF-11, 1/27/93. P. 200139-200231. A letter dated January 15, 1993 regarding the Salford Quarry Custodial Trust Escrow Account is attached.
34. Order Approving the Second Settlement Agreement Between Debtors and the United States of America, In Re:

National Gypsum Company and Aancor Holdings, Inc., Debtors, BK-390-37213-SAF-11 and BK-390-37214-SAF-11, Jointly Administered Chapter 11, 2/11/93. P. 200232-200237. A Transcript of Proceedings for bankruptcy court is attached.

III. REMEDIAL RESPONSE PLANNING

1. Report: Analytical Report for Environ Corporation, Extractibles, prepared by National Environmental Testing, Inc., 5/18/89. P. 300001-300135.
2. Report: Analytical Report for Environ Corporation, Partial Inorganics, prepared by National Environmental Testing, Inc., 5/18/89. P. 300136-300621.
3. Report: Analytical Report for Environ Corporation, Volume I, Volatile Organics, prepared by National Environmental Testing, Inc., 5/18/89. P. 300622-301106.
4. Report: Analytical Report for Environ Corporation, Volume II, Extractible Base Neutral Organics, prepared by National Environmental Testing, Inc., 5/18/89. P. 301107-301351.
5. Report: Analytical Report for Environ Corporation, Pesticides and PCB's, prepared by National Environmental Testing, Inc., 5/23/89. P. 301352-301505.
6. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. William A. Stone, Environ Corporation, re: Transmittal of the Field Trip Report for Interim Sampling at the Salford Quarry Site, 6/16/89. P. 301506-301616. The report is attached.
7. Report: Statement of Work to Conduct A Remedial Investigation/Feasibility Study (RI/FS) at the Salford Quarry, Lower Salford Township, Pennsylvania, prepared by Environ Corporation, 1/22/88. P. 301617-301641.
8. Report: Health Assessment for Salford Quarry, 5/2/88. P. 301642-301646. A cover letter is attached.
9. Report: Salford Quarry Remedial Investigation/Feasibility Study Work Plan, prepared by Environ Corporation, 5/20/88. P. 3021647-301696.
10. Report: Remedial Investigation Site Operations Plan and RI/FS Work Plan, Salford Quarry Site, prepared by Environ Corporation, 5/3/90. P. 301697-301975.
11. Report: Supplement to the Remedial Investigation Site

Operations Plan and Remedial Investigation/ Feasibility Study Work Plans, (author not cited), 7/18/90.
P. 301976-302075.

12. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. William A. Stone, Jr. and Ms. Mary Ann Baviello, Environ Corporation, re: Items pertaining to the RI/FS, 4/15/91. P. 302076-302086. A Revised RI/FS Schedule for Remaining Tasks and a list of references are attached.
13. Information package, Environ Corporation, (undated), P. 302087-302102.
14. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr. and Mr. Robert W. North, Environ Corporation, re: Monitoring well installation, 6/4/90. P. 302103-302103.
15. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Robert W. North, Environ Corporation, re: Removal of the lock for monitoring well MW5 by unknown persons, 6/11/90. P. 302104-302104.
16. Memorandum to Ms. Ann DeLong, U.S. EPA, from Ms. Theresa A. Simpson, U.S. EPA, re: Inorganic data validation review, 7/12/90. P. 302105-302138.
The following are attached:
 - a) a transmittal memorandum for the data review;
 - b) a memorandum regarding the inorganic data validation;
 - c) Table 1A: Summary of Qualifiers on Data Summary after Data Validation;
 - d) Table 1B: Codes used in Comments Column;
 - e) Table 2: Glossary of Data Qualifiers Codes;
 - f) Table 3: Data Summary Form;
 - g) Appendix A: Results Reported by Laboratory Form I's - Inorganic Analysis Data;
 - h) Appendix B: DPO Report;
 - i) a certified mail receipt;

17. Letter to Mr. Robert W. North, Environ Corporation, from Mr. Cesar Lee, U.S. EPA, re: Tampering of monitoring well MW5, 7/19/90. P. 302139-302139.
18. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Woodrow R. Cole, PADER, re: Transmittal of two letters and monitoring well sample results, 8/8/90. P. 302140-302147. A letter regarding a request to discontinue quarterly ground water monitoring, a letter regarding review of the request, and the quarterly monitoring results of monitoring well MW1 and monitoring well MW2, 1987-1989, are attached.
19. Letter to Mr. Cesar Lee, U.S. EPA, from Ms. Mary Ann Baviello, Environ Corporation, re: Use of Eastern States Environmental Associates to conduct the ecological survey, 8/20/90. P. 302148-302148.
20. Letter to Mr. Lewis Luchie, Jr., PADER, re: Request for temporary discharge approval, 9/7/90. P. 302149-302150. A Site Location and Interim Sampling Locations map is attached.
21. Information package: Attachment 1 - Sampling and analytical Methods; Attachment 2 - Summarized Analytical Results for Domestic Wells and Stream Water; Attachment 3 - Laboratory Data Sheets, 9/7/90. P. 302151-302224.
22. Letter to Mr. R.W. North, Environ Corporation, from Mr. Lewis Luchie, Jr., PADER, re: Review of ground water data, 10/15/90. P. 302225-302225.
23. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Bruce R. Pluta, CDM Federal Programs Corporation, re: Preliminary cost estimate for the construction of an access road, 1/8/91. P. 302226-302238. A proposed roadway map, handwritten notes on installation information for the access road, and building construction cost data are attached.
24. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for December 1990, 1/22/91. P. 302239-302240. The progress report is attached.
25. Letter to Ms. Loretta Romanowski, Lower Salford

Township Office, from Mr. Cesar Lee, U.S. EPA, re:
Final Access Agreement, 1/23/91. P. 302241-302245.
The Final Access Agreement is attached.

26. Report: Field Trip Report, Salford Quarry Site,
prepared by CDM Federal Programs Corporation, 1/28/91.
P. 302246-302270. A cover letter is attached.
27. Letter to Mr. Cesar Lee, U.S. EPA, from Ms. Loretta
Romanowski, Lower Salford Township Office, re:
Transmittal of an executed agreement, 1/31/91.
P. 302271-302275. An Access Agreement and a site map
are attached.
28. Letter to Mr. Charles Hayden, U.S. EPA, from Mr.
Laurence S. Kirsch, Cadwalader, Wickersham & Taft,
re: Access to property for installation of monitoring
wells, 2/6/91. P. 302276-302277.
29. Letter to Mr. William Stone, Environ Corporation, from
Ms. Gerallyn Valls, U.S. EPA, re: Assignment as
Remedial Project Manager for the site, 1/27/91.
P. 302278-302278.
30. Letter to Mr. Lawrence Kirsch [sic], Cadwalader,
Wickersham & Taft, from Mr. Charles Hayden, U.S. EPA,
re: Transmittal of the signed Access Agreement,
3/1/91. P. 302279-302283. The Access Agreement is
attached.
31. Letter to Mr. William Stone, Environ Corporation, from
Ms. Gerallyn Valls, U.S. EPA, re: Access to Township
property and construction of an access road, 3/1/91.
P. 302284-302288. A proposed roadway map and a
concurrence list are attached.
32. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. David
Ewald, PADER, re: Change of address, 3/5/91.
P. 302289-302289.
33. Revised RI/FS Schedule for Remaining Tasks, prepared by
Environ Corporation, 3/26/91. P. 302290-302291. A
transmittal letter is attached.
34. Letter to Mr. William Stone, Environ Corporation, from
Ms. Gerallyn Valls, U.S. EPA, re: Proposed RI/FS
schedule, 3/27/91. P. 302292-302293.

35. Letter to Ms. Gerallyn Downes-Valls [sic], U.S. EPA, from Mr. Bruce R. Pluta, CDM Federal Programs Corporation, re: Summary of activities performed, 3/28/91. P. 302294-302295.
36. Letter to Ms. Gerallyn Valls, U.S. EPA, from Mr. Robert W. North, Environ Corporation, re: Drilling start date, 4/15/91. P. 302296-302296.
37. Letter to Mr. William Stone, Environ Corporation, from Ms. Gerallyn Valls, U.S. EPA, re: Right of EPA to conduct additional work as deemed necessary for completion of the RI/FS, 4/17/91. P. 302297-302297.
38. Letter to Ms. Carol Kurtz, PADER, from Mr. Robert W. North, Environ Corporation, re: Ground water monitoring results, 4/24/91. P. 302298-302299. A results summary table is attached.
39. Memorandum to Mr. Cesar Lee, U.S. EPA, from Mr. Jay Newbaker, U.S. EPA, re: Asbestos sampling, 4/29/91. P. 302300-302301. A facsimile transmittal sheet is attached.
40. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Preliminary listing of general response actions and boron ground water treatment technologies, 5/2/91. P. 302302-302315.
41. Report: Draft Boron Toxicity Profile, prepared by Environ Corporation, 5/10/91. P. 302316-302351. A transmittal letter is attached.
42. Memorandum to Mr. Cesar Lee, U.S. EPA, from Mr. Jay Newbaker, U.S. EPA, re: Evaluation of naturally occurring boron in ground water, 5/10/91. P. 302352-302354.
43. Report: Revised Draft Boron Toxicity Profile, prepared by CDM Federal Programs Corporation, 5/13/91. P. 302355-302390. A transmittal letter is attached.
44. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Environ's

potential Applicable or Relevant and Appropriate Requirements (ARARs) for National Gypsum Company, 3/15/91. P. 302391-302415. The potential ARARs document is attached.

45. Letter to Mr. William A. Stone, Environ Corporation, from, Mr. Cesar Lee, U.S. EPA, re: Transmittal of a letter from CDM Federal Programs Corporation, 3/16/91. P. 302416-302416.
46. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for April 1991, 6/3/91. P. 302417-302418. The progress report is attached.
47. Letter to Mr. Ceasar [sic] Lee, U.S. EPA, from Mr. David Ewald, PADER, re: Revision of the preliminary ARARs document, 6/7/91. P. 302419-302482. The revised ARARs document is attached.
48. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for May 1991, 6/11/91. P. 302483-302484. The progress report is attached.
49. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Robert W. North, Environ Corporation, re: Stream and spring sampling results, 6/14/91. P. 302485-302487. A cover sheet is attached.
50. Letter to Ms. Carol Kurtz, PADER, from Mr. Robert W. North, Environ Corporation, re: Second quarter ground water monitoring results, 6/24/91. P. 302488-302491. The results are attached.
51. Map, Monitoring Well and 1991 Domestic Well Sampling Locations, prepared by Environ Corporation, 7/91. P. 302492-302492.
52. Letter to Mr. William A. Stone, Environ Corporation, from Mr. Cesar Lee, U.S. EPA, re: Request for Environ Corporation to submit all analytical data and/or information not previously submitted, 7/9/91. P. 302493-302493.
53. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress

report for June 1991, 7/12/91. P. 302494-302495. The progress report is attached.

54. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for July 1991, 8/14/91. P. 302496-302765. The progress report and analytical data are attached.
55. Memorandum to Mr. Don Garofalo, U.S. EPA, from Mr. Cesar Lee, U.S. EPA, re: Request for aerial photography and fracture trace analysis, 8/22/91. P. 302766-302774. The following are attached:
 - a) an aerial services request form;
 - b) handwritten notes;
 - c) a site location map;
 - d) a memorandum regarding well locations;
 - e) an orientation of bedding and joint features map.
56. Memorandum to Mr. Eugene Meire, U.S. EPA, from Mr. Robert G. Kramer, U.S. EPA, re: Request for aerial photography and fracture trace analysis, 8/26/91. P. 302775-302775.
57. Report: Salford Quarry Field Trip Report, prepared by CDM Federal Programs Corporation, 8/29/91. P. 302776-302820. A cover letter is attached.
58. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Transmittal of sampling location map with boron sampling result concentrations, 9/4/91. P. 302821-302823. The map and a Federal Express envelope are attached.
59. Letter to Mr. Robert W. Graf, Montgomery County Commission, from Mr. Cesar Lee, U.S. EPA, re: Request for a mailing list, 9/13/91. P. 302824-302825.
60. Memorandum to Mr. Don Garofalo, U.S. EPA, from Mr. Cesar Lee, U.S. EPA, re: Information to be added to the scope of work, 9/16/91. P. 302826-302827.
61. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress

report for August 1991, 9/17/91. P. 302828-302829.
The progress report is attached.

- ** 62. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Russ Ward, National Gypsum Company, re: Transmittal of letters sent to homeowners, 9/18/91. P. 302830-302837. Two full letters and two first pages of the letter regarding the status of ongoing investigative studies and a federal express receipt are attached.
- 63. Memorandum to Mr. Cesar Lee, U.S. EPA, from Mr. Roy Smith, U.S. EPA, re: List of all the contaminants found to be at levels of concern in wells sampled, 9/23/91. P. 302838-302838.
- ** 64. Letter to Mr. Russell F. Ward, National Gypsum Company, from Mr. Cesar Lee, U.S. EPA, re: Removal of boron 9/24/91. P. 302839-302845. A Potential Water Treatment Efficiencies table and an article entitled "Boron Recovery by Reverse Osmosis" are attached.
- 65. Map, Site Map, prepared by Environ Corporation, 9/27/91. P. 302846-302846.
- 66. Facsimile transmittal sheet to Mr. Charles Hayden, U.S. EPA, from Ms. Susan Mathiascheck, Cadwalader, Wickersham, & Taft, 9/27/91. P. 302847-302865.
The following are attached:
 - a) domestic and monitoring well sampling results;
 - b) a well location map;
 - c) a map of location of proposed homes to be tested;
 - d) a memorandum regarding contaminants in wells;
 - e) water sampling results;
 - f) a memorandum regarding boron and ecological impacts.
- 67. Letter to Mr. Charles Hayden, U.S. EPA, re: from Ms. Susan M. Mathiascheck, Cadwalader, Wickersham & Taft, re: Testing of residential wells and provision of bottled water, 10/2/91. P. 302866-302870. A map showing domestic and monitoring well results and

locations is attached.

68. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for September 1991, 10/15/91. P. 302871-302873. The progress report is attached.
69. Letter to Mr. John Harley, Culligan Funk Water Quality Company, from Mr. Russ Ward, Gold Bond Building Products, re: Addition of names to a list of those eligible for bottled water delivery, 10/16/91. P. 302874-302876. A list of names for water delivery is attached.
70. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Robert W. North, Environ Corporation, re: Discharge of purge water from off site wells onto the quarry cap, 10/24/91. P. 302877-302877.
71. Letter to Mr. Laurence L. [sic] Kirsch, Cadwalader, Wickersham, & Taft, from Mr. A.J. D'Angelo, U.S. EPA, re: Performance of activities by National Gypsum Company, 11/8/91. P. 302878-302882.
72. Letter to Mr. Laurence L. [sic] Kirsch, Cadwalader, Wickersham, & Taft, from Mr. A.J. D'Angelo, U.S. EPA, re: Water treatment system capable of removing or reducing boron concentrations, 11/15/91. P. 302883-302885.
73. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Monthly progress report for October 1991, 11/15/91. P. 302886-302948. The following are attached:
 - a) the progress report;
 - b) a summary of validated data for July 1991 ground water sampling;
 - c) an explanation of data qualifiers;
 - d) a Federal Express letter cover;
 - e) 49 domestic well sampling questionnaire/forms;

- f) one site map;
 - g) a map showing boron concentrations.
- 74. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. William A. Stone, Jr., Environ Corporation, re: Basis for the selection of additional home well sampling locations, 11/15/91. P. 302949-302954. A cross section diagram is attached.
 - 75. Letter to Mr. Cesar Lee, U.S. EPA, from Mr. Robert W. North, Environ Corporation, re: Inaccuracy of a map prepared by Roy, F. Weston, Inc., 11/18/91. P. 302955-302956.
 - 76. Handwritten letter to Mr. Cesar Lee, U.S. EPA, from a resident, re: Water report, 12/1/91. P. 302957-302959. The water report and an envelope are attached.
 - 77. Outline of issues for site status meeting, 12/3/91. P. 302960-302961. A sign-in sheet is attached.
 - 78. Memorandum to Mr. Robert L. Williams, ATSDR, from Mr. Jay Newbaker, U.S. EPA, re: Boron concentrations in ground water, 12/4/91. P. 302962-302962.
 - 79. Water analysis data of bottled water residents are receiving from National Gypsum Company, as supplied by Culligan Funk Water Quality Company, prepared by Q.C. Inc., 12/5/91. P. 302963-302974.
 - 80. Memorandum to Addressees from Mr. Cesar Lee, U.S. EPA, re: Transmittal of the decision concerning the delisting of the site from the NPL, 7/2/92. P. 302975-302983. The decision dated June 19, 1992 is attached.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Report: Final Report, Salford Quarry Superfund Site Community Relations Plan, prepared by Booz, Allen, & Hamilton, Inc., 12/30/88. P. 500001-500027.
2. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500028-500029. Sample number 826B-D001-GW01 results are attached.
3. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500030-500031. Sample number 826B-D108-GW01 results are attached.
4. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500032-500033. Sample number 826B-D101-GW01 results are attached.
5. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500034-500035. Sample number 826B-D003-GW01 results are attached.
6. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500036-500037. Sample number 826B-D009-GW01 results are attached.
7. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500038-500039. Sample number 826B-D002-GW01 results are attached.
8. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500040-500041. Sample number 826B-D006-GW01 results are attached.
9. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500042-500043. Sample number 826B-D110-GW01 results are attached.
10. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500044-500045. Sample number 826B-D106-GW01 results are attached.
11. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500046-500047. Sample number 826B-D007-GW01 results are attached.
12. Letter to resident from Ms. Gerallyn Valls, U.S. EPA, re: Well sampling, 12/4/89. P. 500048-500049. Sample number 826B-D101-GW01 results are attached.

13. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500050-500051.
Sample number 826B-D109-GW01 results are attached.
14. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500052-500053.
Sample number 826B-D107-GW01 results are attached.
15. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500054-500056.
Sample number 826B-D104-GW01 results are attached.
16. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500057-500059.
Sample number 826B-D102-GW01 results are attached.
17. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500060-500061.
Sample number 826B-D008-GW01 results are attached.
18. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500062-500064.
Sample number 826B-D109-GW01 results are attached.
19. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500065-500066.
Sample number 826B-D105-GW11 results are attached.
20. Letter to resident from MS. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/4/89. P. 500067-500069.
Sample number 826B-D105-GW01 results are attached.
21. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/7/89. P. 500070-500072.
Sample number 826B-D005-GW01 results are attached.
22. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/7/89. P. 500073-500075.
Sample number 826B-D004-GW01 results are attached.
23. Letter to resident from Ms. Gerallyn Valls, U.S. EPA,
re: Well sampling, 12/7/89. P. 500076-500078.
Sample number 826B-D103-GW01 results are attached.
24. Letter to Ms. Loretta Romanowski, Lower Salford
Township Board of Supervisors, from Mr. Cesar Lee,
U.S. EPA, re: Non-receipt of documentation, 2/5/90.

P. 500079-500083. Two Freedom of Information Act (FOIA) requests and two letters are attached.

25. Letter to Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, from Mr. Cesar Lee, U.S. EPA, re: New project personnel notification, 3/20/90. P. 500084-500084.
26. On-Scene Interview Schedule, Salford Quarry Site, 3/23/90 to 3/24/90. P. 500085-500085.
27. Letter to Ms. Loretta Romanowski, Lower Salford Township Board of Supervisors, from Mr. Cesar Lee, U.S. EPA, re: Reports for the information repository, 4/2/90. P. 500086-500086.
28. U.S. EPA Fact Sheet, Salford Quarry Site, 6/90. P. 500087-500088.
29. Letter to Ms. Loretta Romanowski, Lower Salford Township Board of Supervisors, from Ms. Cecilia Masson, CDM Federal Programs Corporation, re: Transmittal of the RI/FS plan, 7/2/90. P. 500089-500089.
30. Letter to Ms. Loretta Romanowski, Lower Salford Township Office, from Mr. Al Brown, U.S. EPA, re: Supplement to the Remedial Investigation Site Operations Plan (RISOP) and the RI/FS work plans, 7/18/90. P. 500090-500092.
31. Memorandum to Mr. Lane D. Schultz, from Mr. Alan Brown, U.S. EPA, re: Analysis of the RI/FS work plan, 3/1/91. P. 500093-500093.
32. U.S. EPA Fact Sheet, Salford Quarry Site, 9/91. P. 500094-500097.
33. Letter to Mr. Cesar Lee, U.S. EPA, from Dr. Lane D. Schultz, re: Review of the RI/FS, 9/27/90. P. 500098-500102. A letter regarding review of the RI/FS is attached.
34. Letter to a resident from Mr. Cesar Lee, U.S. EPA, re: Conditions to be met for the testing of the Pelna home well, 7/8/91. P. 500103-500106. A letter regarding the testing conditions is attached.

35. Letter to a resident from Mr. Cesar Lee, U.S. EPA, re: Well sampling, 7/15/91. P. 500107-500107.
36. Letter to a resident from Mr. Cesar Lee, U.S. EPA, re: Comments on the RI/FS, 7/31/91. P. 500108-500112. A response to the comments is attached.
37. Letter to Salford area resident from Mr. Russell F. Ward, National Gypsum Company, re: Boron in residential wells and the provision of bottled drinking water by National Gypsum Company, 9/7/91. P. 500113-500115. A facsimile transmittal sheet is attached.
38. Letter to Mr. Russell F. Ward, National Gypsum Company, from Mr. Cesar Lee, U.S. EPA, re: Removal of boron, 9/24/91. P. 500116-500122. A Potential Water Treatment Efficiencies table and an article entitled "Boron Recovery by Reverse Osmosis" are attached.
39. Letter to resident from Mr. David S. Sternberg, U.S. EPA, re: Global positioning system (GPS) tests to be conducted by the Bionetics Corporation, 10/10/91. P. 500123-500123.
40. Sampling data package, prepared by CDM Federal Programs Corporation, 11/5/91. P. 500124-500273. The following are attached:
 - a) a cover transmittal letter;
 - b) a letter to the resident and sampling results for sample #69753;
 - c) labelling codes for graphite furnace AA analysis;
 - d) a list of contract specific qualifiers;
 - e) a select EPA standards table;
 - f) a boron fact sheet;
 - g) a letter to the resident and sampling results for sample #69688;
 - h) asbestos in water analysis results;
 - i) a glossary of data qualifier codes;

- j) a letter to the resident and sampling results for sample #69755; DO28GW01; DO29GW01; DO27GW01; DO21GW01; DO26GG01; DO25GW01; DO24GW01; DO22GW01; DO23GW01; 69687; DO20GW01; DO34GW02; DO35GW11; 6751C; DO32GW01; DO30GW01; DO33GW01; DO31GW01; 69684; 69683; 69754; 69686; 69685; DO13GW01; and DO23GW01.
- 42. U.S. EPA Public Announcement, 11/14/91. P. 500274-500274.
- 43. Sampling data package, prepared by CDM Federal Programs Corporation, 11/25/91. P. 500275-500335.
The following are attached:
 - a) a cover transmittal letter;
 - b) a letter to the resident and sampling results for sample #DO44GW01 and DO44GW02;
 - c) a select EPA standards table;
 - d) a boron fact sheet;
 - e) a letter to the resident and sample results for sample #DO51GW01; DO50GW01; DO48GW01; DO46GW01; DO40GW01; DO54GW01; DO53GW01; DO52GW01; DO49GW01; DO47GW01; DO45GW01; DO42GW01; DO41GW01; DO39GW01; DO38GW01; DO37GW01; and DO43GW01.
- 44. Letter to Ms. Loretta Romanowski, Lower Salford Township Office, from Mr. Cesar Lee, U.S. EPA, re: Informing the public of well contamination and tests to perform before being issued a building permit, 12/5/91. P. 500336-500341. An article entitled "Areawide Implementation of Groundwater Institutional Controls for Superfund Sites" is attached.
- 45. Report: Public Information Meeting, Salford Quarry Site, prepared by U.S. EPA, 7/14/92. P. 500342-500366.

APPENDIX A:

NATIONAL PRIORITIES LIST (NPL) PUBLIC DOCKET RECORDS

1. Report: Support Document for the Revised National Priorities List, Final Rule, 8/90.
2. Federal Register, Part II, 8/30/90.
3. National Priorities List - New Final Sites - HRS Scores, 8/90.
4. National Priorities List - Final and Proposed Sites (by Site Name), 8/90.
5. Background Information: National Priorities List, Final Rule, 8/90.
6. National Priorities List, Final and Proposed Sites (by Region), 8/90.
7. U.S. EPA Environmental News, 8/28/90.
8. National Priorities List, Supplementary Lists and Supporting Materials, 8/90.
9. Memorandum to Mr. Henry L. Longest, II, U.S. EPA, from Mr. Abraham Ferdas, U.S. EPA, re: Promulgation of NPL Final Rule #9, 8/20/90. A candidates list is attached.
10. Excerpt from "Descriptions of 106 Sites Placed on the Final National Priorities List," 8/90.
11. Information package, Salford Quarry, 8/90.
12. Letter to Mr. James W. Moorman, Cadwalader, Wickersham, & Taft, from Ms. Jack W. McGraw, U.S. EPA, re: Inclusion of Salford Quarry on the NPL, 1/22/88. Three letters are attached.
13. Letter to Ms. Tina Maragousis, U.S. EPA, from Mr. Laurence S. Kirsch, Cadwalader, Wickersham, & Taft, re: Correction of incorrectly filed comments, 5/31/89. Two letters are attached.
14. Letter to Mr. Stephen A. Lingle, U.S. EPA, from Mr. James W. Moorman, Cadwalader, Wickersham, & Taft, re: Supplementary comments on the proposed listing of Salford Quarry on the NPL, 11/20/87.

15. Letter to Mr. J. Winston Porter, U.S. EPA, from Mr. James W. Moorman, Cadwalader, Wickersham, & Taft, re: Request for assistance, 12/16/87.
16. Report: Supplemental Comments on the Salford Quarry Site, Lower Salford Township, Pennsylvania, prepared by Environ Corporation, 4/21/89.
17. Letter to Mr. Russel H. Wyer, U.S. EPA, from Mr. James W. Moorman, Cadwalader, Wickersham, & Taft, re: Comments on the proposed listing of Salford Quarry on the NPL, 3/27/87.
18. Reference Package, Salford Quarry, (undated).
19. Well diagrams, (undated).
20. Report: Evaluation of Proposed Plan NPL Rating and Supporting Data for Salford Quarry, prepared by O.H. Materials Corporation, 3/23/87.
21. Report: Supplemental Review of the National Priorities List Rating of the Salford Quarry, prepared by Environ Corporation, 11/19/87.
22. Boron Toxicity information, 3/23/87.